



TES
FILER CITY STATION

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Fugitive Dust Control Plan

SRN: N1685

July 24, 2012

Amended August 30, 2019

1.0 INTRODUCTION

The TES Filer City Station Renewable Operating Permit (ROP) requires that TES Filer City station not operate the facility unless a fugitive dust plan, approved by the Department of Environment, Great Lakes and Energy (EGLE)-AQD District Supervisor, is implemented and maintained. The following sections outline the Fugitive Dust Plan for Source-Wide operations in accordance with 40 CFR 52.21. Although TES does not currently fire petcoke in the boiler units at the time of this plan revision, this fugitive dust plan still includes it as a fuel to manage in this program in the event it is used again at the site.

2.0 FUGITIVE DUST CONTROL PLAN

2.1 EUCOALPETCKSTORAGE

Vessel Unloading – Daylight hours

- Vessel unloading shall be monitored by the coal handlers or the plant control room via camera. If fugitive dust is observed at unloading coal/petcoke pile, vessels shall be instructed to add sufficient water to the offloading coal/petcoke to eliminate dusting.
- When unloading occurs during non-daylight periods, vessels shall add sufficient water to eliminate dusting.
- Minimum drop heights shall be maintained within the capabilities of the vessel unloading boom.

Plant Fueling Operations

- Coal handlers shall monitor the fuel pile and adjacent areas for fugitive dust during plant fueling and boat offloading operations and apply sufficient water as needed to effectively control fugitive dust.
- During periods when plant fueling or boat unloading are not underway, plant control room operators shall monitor the coal pile and adjacent areas for fugitive dust, and apply sufficient water, as needed, to effectively control fugitive dust that may be observed.

NOTE: TES Filer City Station utilizes a high pressure watering system where individual water nozzles can be activated by remote control to control dust on the fuel pile and adjacent areas. The pile can be monitored by camera from the control room. Thus, water can be placed precisely where fugitive dust is observed. The plant keeps logs of operational hours of the water sprinkling system and the amount of water used for such activity.

2.2 UNPAVED AREAS

TES Filer City Station shall apply dust suppressant at a suitable concentration and quantity to effectively control fugitive dust on all unpaved areas where dust is created during normal plant activities. Dust suppressant shall be applied when fugitive dust is observed in these areas. Unpaved areas that are landscaped, covered with stone, planted with vegetation, or otherwise do not generate fugitive dust during normal activities, are excluded.

TES Filer City Station shall record date and volume for each dust suppressant application made.

2.3 PAVED AREAS

TES Filer City Station shall clean paved roads and parking areas that accumulate dust-generating material, utilizing a wet sweeper at a frequency to sufficient control fugitive dust.

TES Filer City Station shall record the date that each sweeping activity is made.

2.4 TRAFFIC SPEEDS

Vehicular traffic on all plant roadways shall be limited to a maximum speed of 10 miles per hour and shall be posted near the plant entrance.